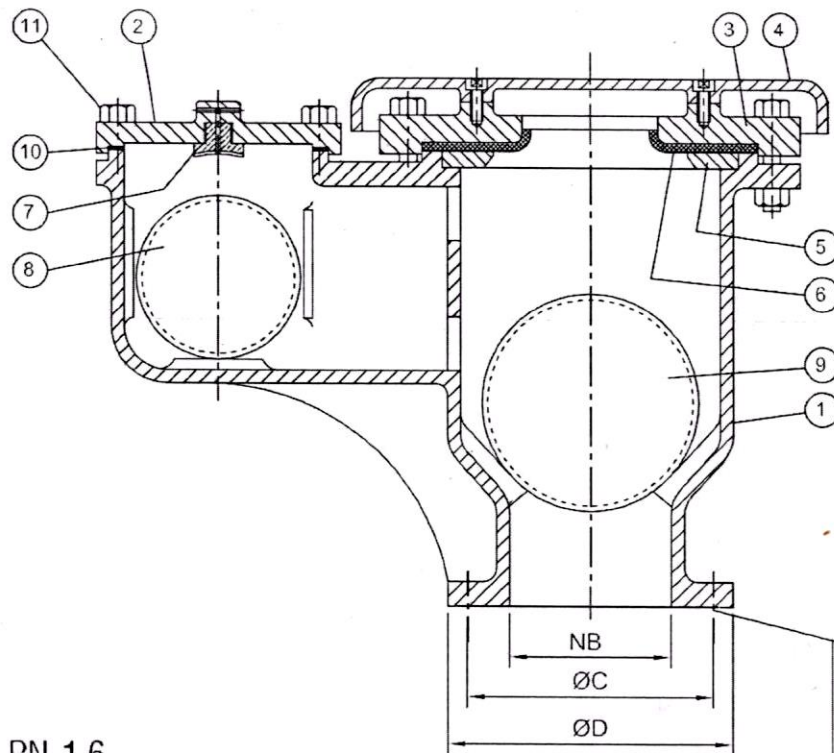




PN-1.6

-	-	200	340	24.5	295	8	23
-	-	150	285	23	240	8	23
-	-	100	220	22	180	8	19
-	-	80	200	21	160	4	19
-	-	50	165	16	125	4	19
-	-	40	150	16	110	4	18
-	Nos.	NB	ØD	T	ØC	n	Øh
SL. No	QTY.	VALVE SIZE	FLANGE DIMENSIONS				

		0	-	-	-	-
		REV	ZONE	APPVD BY	DATE	PARTICULARS
REFERENCE DRAWING		REVISION				



MATERIALS OF CONSTRUCTION

SL. No.	DESCRIPTION	MATERIAL	SPECIFICATION
1	BODY	CAST IRON	IS:210 Gr. FG-200
2	HIGH PRESSURE COVER		
3	LOW PRESSURE COVER		
4	COWL		
5	JOINT SUPPORT RING	NATURAL RUBBER	IS:11855
6	L.P. SEAT RING		
7	H.P. ORIFICE PLUG	L.T. BRONZE	IS:318 Gr. LTB 2
8	BALL FOR H.P. CHAMBER	SOFT RUBBER COATED SEASONED TIMBER	
9	BALL FOR L.P. CHAMBER	HARD VULCANITE COATED SEASONED TIMBER	
10	H.P. COVER GASKET	NATURAL RUBBER	IS:11855
11	BOLTS & NUTS	CARBON STEEL	IS:1367 Class-4.6 & 4.0

HYDROSTATIC TEST PRESSURE FOR PN-1.6

BODY TEST PRESSURE :- 24 Kg./Cm²(g) WITH WATER DURATION 5 MIN.
SEAT TEST PRESSURE :- 16 Kg./Cm²(g) WITH WATER DURATION 2 MIN.

- NOTES
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE STATED.
 - KINETIC AIR RELEASE VALVE GENERALLY CONFORMING TO IS:14845/2000 (DK).
 - FLANGED ENDS SHALL BE FLAT FACED & DRILLED TO IS: 1538 (Table-4 & 6) AND IS:6392 (Table-17) FOR 40 NB & 50 NB.
 - PAINTING: VALVES SHALL BE PAINTED WITH BLACK BITUMINOUS PAINT.
 - MARKING: BRAND NAME / SIZE / RATING / HEAT NO. / SL. NO.

CLIENT'S REF.	PROJECT	-
	P.O. NO.	-
	CONTRACTOR	-
	PURCHASER	-

SUPER

2015	INITIAL	DATE
DRAWN	S.DAS	03.07.2025
CHECKED	S.PAL	03.07.2025
APPROVED	P.HAZRA	03.07.2025
JOB No.	ENQ-23	SCALE: N.T.S.

TITLE:- CI KINETIC AIR VALVE (FLANGED TYPE)

DRAWING NO.: SVMC/AV/07/25-26

REV. 0